

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/S79,584  
Source: IFWP  
Date Processed by STIC: 5-26-06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 05/26/2006

PATENT APPLICATION: US/10/579,584

TIME: 08:48:29

Input Set : A:\Sequence Listing PCTCA0401974.txt

Output Set: N:\CRF4\05262006\J579584.raw

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3 <110> APPLICANT: TM Bioscience Corporation
4   Bortolin, Susan
5   Merante, Frank
6   Kobler, Daniel
7   Fieldhouse, Daniel
8   Black, Margot
9   Modi, Hemanshu
10  Zastawny, Roman
11  Janeczko, Richard A.
13 <120> TITLE OF INVENTION: Method of Detecting Mutations
15 <130> FILE REFERENCE: 53436/00145
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/579,584
C--> 17 <141> CURRENT FILING DATE: 2006-05-17
      17 <150> PRIOR APPLICATION NUMBER: US 60/520,303
W--> 18 <151> PRIOR FILING DATE: November 7, 2003
      20 <160> NUMBER OF SEQ ID NOS: 24
      22 <170> SOFTWARE: PatentIn version 3.2
      24 <210> SEQ ID NO: 1
      25 <211> LENGTH: 46
      26 <212> TYPE: DNA
      27 <213> ORGANISM: Artificial
      29 <220> FEATURE:
      30 <223> OTHER INFORMATION: Tagged ASPE primer
      32 <220> FEATURE:
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      34 <222> LOCATION: (1)..(24)
      36 <400> SEQUENCE: 1
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      40 <211> LENGTH: 46
      41 <212> TYPE: DNA
      42 <213> ORGANISM: Artificial
      44 <220> FEATURE:
      45 <223> OTHER INFORMATION: Tagged ASPE primer
      47 <220> FEATURE:
W--> 48 <221> NAME/KEY: Tag
      49 <222> LOCATION: (1)..(24)
      51 <400> SEQUENCE: 2
      52 taaataacttc attactaatc acacggacaa aatacctgta ttcctt      46
      54 <210> SEQ ID NO: 3
      55 <211> LENGTH: 45
      56 <212> TYPE: DNA
      57 <213> ORGANISM: Artificial

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59 <220> FEATURE:
60 <223> OTHER INFORMATION: Tagged ASPE primer
62 <220> FEATURE:
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64 <222> LOCATION: (1)..(24)
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70 <211> LENGTH: 45
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Tagged ASPE primer
77 <220> FEATURE:
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79 <222> LOCATION: (1)..(24)
81 <400> SEQUENCE: 4
82 atactttaca aacaaataac acaccaataa aagtgactct cagca          45
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 44
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Tagged ASPE primer
92 <220> FEATURE:
W--> 93 <221> NAME/KEY: Tag
94 <222> LOCATION: (1)..(24)
96 <400> SEQUENCE: 5
97 ctttcttaat acattacaac atacgagaag gtgtctgcgg gagg          44
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100 <211> LENGTH: 44
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Tagged ASPE primer
107 <220> FEATURE:
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109 <222> LOCATION: (1)..(24)
111 <400> SEQUENCE: 6
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116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial
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120 <223> OTHER INFORMATION: Tagged ASPE primer
122 <220> FEATURE:
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124 <222> LOCATION: (1)..(24)

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132 <213> ORGANISM: Artificial
134 <220> FEATURE:
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139 <222> LOCATION: (1)..(24)
141 <400> SEQUENCE: 8
142 ttaacaactt atacaaacac aaacacaaag acttcaaaga cacttg      46
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145 <211> LENGTH: 43
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial
149 <220> FEATURE:
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152 <220> FEATURE:
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154 <222> LOCATION: (1)..(24)
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157 tcatcacttt ctttacttta cattggctgt atttttttcc agc      43
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161 <212> TYPE: DNA
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169 <222> LOCATION: (1)..(24)
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172 aactttctct ctctattctt atttggctgt atttttttcc agt      43
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 42
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial
179 <220> FEATURE:
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182 <220> FEATURE:
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184 <222> LOCATION: (1)..(24)
186 <400> SEQUENCE: 11
187 atatacttta cactttcaac aaacgacgcc ccggggcacc ac      42
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 42
191 <212> TYPE: DNA

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192 <213> ORGANISM: Artificial
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Tagged ASPE primer
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205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Forward primer
212 <400> SEQUENCE: 13
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215 <210> SEQ ID NO: 14
216 <211> LENGTH: 20
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Reverse Primer
223 <400> SEQUENCE: 14
224 gccccattat ttagccagga          20
226 <210> SEQ ID NO: 15
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Foward primer
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235 gaaccaatcc cgtgaaagaa          20
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238 <211> LENGTH: 18
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Reverse primer
245 <400> SEQUENCE: 16
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248 <210> SEQ ID NO: 17
249 <211> LENGTH: 20
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Forward primer
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257 ctttgaggct gacctgaagc          20
259 <210> SEQ ID NO: 18

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## RAW SEQUENCE LISTING

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TIME: 08:48:29

Input Set : A:\Sequence Listing PCTCA0401974.txt

Output Set: N:\CRF4\05262006\J579584.raw

260 <211> LENGTH: 20  
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262 <213> ORGANISM: Artificial  
264 <220> FEATURE:  
265 <223> OTHER INFORMATION: Reverse primer  
267 <400> SEQUENCE: 18  
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272 <212> TYPE: DNA  
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275 <220> FEATURE:  
276 <223> OTHER INFORMATION: Forward primer  
278 <400> SEQUENCE: 19  
279 aggagctgct gaagatgtgg 20  
282 <210> SEQ ID NO: 20  
283 <211> LENGTH: 20  
284 <212> TYPE: DNA  
285 <213> ORGANISM: Artificial  
287 <220> FEATURE:  
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290 <400> SEQUENCE: 20  
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294 <211> LENGTH: 27  
295 <212> TYPE: DNA  
296 <213> ORGANISM: Artificial  
298 <220> FEATURE:  
299 <223> OTHER INFORMATION: Forward primer  
301 <400> SEQUENCE: 21  
302 tctatatttaa ttggctgtat ttttttc 27  
304 <210> SEQ ID NO: 22  
305 <211> LENGTH: 20  
306 <212> TYPE: DNA  
307 <213> ORGANISM: Artificial  
309 <220> FEATURE:  
310 <223> OTHER INFORMATION: Reverse Primer  
312 <400> SEQUENCE: 22  
313 tgcggagtca gggagttatt 20  
315 <210> SEQ ID NO: 23  
316 <211> LENGTH: 20  
317 <212> TYPE: DNA  
318 <213> ORGANISM: Artificial  
320 <220> FEATURE:  
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323 <400> SEQUENCE: 23  
324 tctaatagcag cggaagatga 20  
326 <210> SEQ ID NO: 24  
327 <211> LENGTH: 18

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 05/26/2006  
PATENT APPLICATION:    US/10/579,584      TIME: 08:48:30

Input Set : A:\Sequence Listing PCTCA0401974.txt  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24

## VERIFICATION SUMMARY

DATE: 05/26/2006

PATENT APPLICATION: US/10/579,584

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Input Set : A:\Sequence Listing PCTCA0401974.txt

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No  
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:18 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:33 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1  
L:48 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:63 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
L:78 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
L:93 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5  
L:108 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6  
L:123 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7  
L:138 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8  
L:153 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9  
L:168 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10  
L:183 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11  
L:198 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12